

IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

Inventor(s): Takafumi UENO et al.

Serial No.:

Filing Date:

For: THERAPEUTIC ANGIOGENESIS BY BONE
MARROW-DERIVED CELL TRANSPLANTATION
IN MYOCARDIAL ISCHEMIC TISSUE AND
SKELETAL MUSCLE ISCHEMIC TISSUE

Group Art Unit:

Examiner:

Honorable Commissioner of Patents and Trademarks
Washington, DC 20231**GRANT OF POWER OF ATTORNEY PURSUANT TO 37 C.F.R. § 3.71**

S I R:

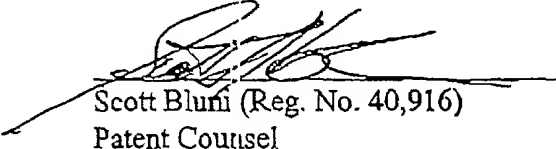
Assignee hereby appoints: Charles R. Brainard (Reg. No. 21,069); John C. Altmiller (Reg. No. 25,951); Estelle J. Tsevdos (Reg. No. 31,145); Douglas E. Ringel (Reg. No. 34,416); Judith Toffenetti, (Reg. No. 39,048); Kristina Jahns (Reg. No. 41,092); Timothy M. Devlin (Reg. No. 41,706); William M. Merone (Reg. No. 41,993); (Reg. No. 45,164); Fred Grasso (Reg. No. 43,644); Elizabeth M. Wieckowski (Reg. No. 42,226); David Greenbaum (Reg. No. 46,739); Michael Haynes (Reg. No. 40,014); Neil McCarthy (Reg. No. 43,435); Teresa Lavenue (Reg. No. 47,737); Dalia Grimberg (Reg. No. 47,611); Julie Stein (Reg. No. 43,158); Jennifer King (Reg. No. 46,828); Thomas Haag (Reg. No. 47,621); Scott Bluni (Reg. No. 40,916); Mark J. Casey (Reg. No. 37,796); James Chiapetta (Reg. No. 39,634); Luke R. Dohmen (Reg. No. 36,783); Peter J. Gafner (Reg. No. 36,517); Albert K. Kau (Reg. No. 40,672); Steven A. McAuley (Reg. 46,084); Todd P. Messal (Reg. No. 42,883); Robert M. Rauker (40,782); William J. Shaw (Reg. No. 43,111) to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith. All previous Powers of Attorney in connection with this application are hereby revoked. Please send all correspondence to:

Elizabeth M. Wieckowski
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One Broadway
New York, NY 10004

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The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

20 JULY 2001
Date


Scott Bluni (Reg. No. 40,916)
Patent Counsel
Boston Scientific Corporation

on behalf of:
SCIMED LIFE SYSTEMS

(Foreign)

**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE
REGARDING CERTAIN PATENT MATTERS
EFFECTIVE THROUGH: December 31, 2001**

I, Lawrence J. Knopf, as Vice President and Assistant General Counsel of Boston Scientific Corporation, the controlling corporation of:

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and as Vice President, Legal, of Boston Scientific Limited;

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Lawrence J. Knopf, Vice President and Assistant General Counsel

4/27/01

Date

COMMONWEALTH OF MASSACHUSETTS)

) ss.

COUNTY OF MIDDLESEX)

On this 25th day of April, 2001 before me personally appeared Lawrence J. Knopf to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.

Notary Public